JD 6/26/06

Please replace the paragraph beginning at page 22, line 2~~1~~ with the following replacement paragraph:

At a first step ~~S11~~, the fusing roller 1 is rapidly heated up by supplying electric power from the capacitor 18 to the heating unit comprised of the heaters 11 and 12 and having a total rated power 1700 W if the temperature of the fusing roller 1 detected by the temperature detecting unit 3 has not reached a predetermined temperature while the external power supply is applied to the heaters 13 and 14. At a second step ~~S12~~, the supply of electric power from the capacitor 18 to the heaters 11 and 12 is stopped through switching or the like when the temperature of the fusing roller 1 detected by the temperature detecting unit 3 reaches the reload temperature. Alternatively, the temperature of the fusing roller 1 after the passage of a predetermined time is predicted based on the temperature of the fusing roller 1 and a temperature rise, and the supply of electric power from the capacitor 18 to the heaters 11 and 12 is stopped so as not to let the temperature exceed the predetermined reload temperature. At a third step ~~S13~~, while electric power from the external power supply to the heaters 13 and 14 is continued to be supplied, the amount of electric power is suppressed to a level that is sufficient for maintaining the temperature of the fusing roller 1 at the reload temperature.

Please replace the paragraph beginning at page 23, line 10 with the following replacement paragraph:

At a first step ~~S21~~, the fusing roller 1 is heated by supplying electric power from the capacitor 18 to the heating unit comprised of the heaters 11 and 12 and having a total rated power of approximately 430 W while the external power supply is applied to the heaters 13 and 14. At a second step ~~S22~~, heating as described above is gradual compared with the heating unit having the total rated power of 1700 W, so that the quantity of heat provided to the fusing roller 1 by the heaters 11-14 is balanced with the quantity of heat deprived by